

Examination of the Operation of the PES-I
Photoelectric Stylometer, by I. S. Abramson,
et al. UNCL

RUSSIAN, per, Zavod Lab, No 6, 1958, pp 695-
702.

DSIR Lending Library Unit
M. 107

Sci - Phys; Engr, instruments
Apr 59

85,098

Examination of the Operation of the Fes-1 Photo-
electric Stylometer, by I. S. Abramson, L. P.
Malyavkin, et al, 11 pp.

RUSSIAN, per, Soviet Metal Technology, Vol I, No 3,
1958, pp 13-23.

PS 53-42286

Sci - Chemistry
Feb 59

Primary Source
11 Bleeker ST
N.Y. 81,540

5.00

The Increase in Stability of Combustion ^{of} an Alternating Current Activated Arc in Spark Systems, for Purposes of Spectral Analysis, by I. S. Abramson, O. B. Fal'kova, 11 p.

RUSSIAN, per, Zhur Tekh Fiz, 1949, Vol XIX, No 5, pp 611-615.

SLA 60-10028

Oscillographic Investigation of a Spark Discharge,
by I. S. Abramson, N. M. Gegechkori,

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXI,
No 4, 1951, pp 484-492.

Assoc. Sec. Sec.
~~Sci Trans Center~~ ~~RE~~ RJ-152

Scientific - Physics
CTS/DEX

10,892

On Photoelectric Methods in Spectrum Analysis, by
I. S. Abramson, S. L. Mandel'shtam, 9 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, pp 635-642. CI² C 40664

Columbia Tech Tr

Scientific - Physics 31,694 Feb 56 CTS/Dex

A Recording Electrometer Based on the EPP-⁹~~02~~
Electronic Potentiometer, by I. S. Abramsen, L. P.
Malyavkin, 4 pp.

RUSSIAN, per, Pribery; Tekh Ekaper, No 1, 1960,
pp 95-97.

IBA

Sci

140,527

Mar 61

Use of an Electrometer with a Dynamic Capacitor
for Recording Spectra, L. P. Malyavkin, I. S.
Abramson, 3 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,
No 1, 1955, pp 40, 41. CIA C 42053

Columbia Tech Tr 34, 653

Scientific - Physics
May 56 CTS/dex

Construction Needs Stricter Cost Accounting. 2

by L. Abramson, 7 pp.

RUSSIAN, np. Moskovskaya Pravda, Moscow, 2, 3

Apr 1969, p 2.

JPRS 48153

L. ABRAMSON

USSR

Econ

July 69

383.728

56
A Bleeding Ulcer After Treatment with
Dicoumarone, by Leop. Abramson,
SWEDISH, per, Svensk Lakartidn, No 40,
1943, pp 2336-2338.
NII 4-31-65

Sci-BQM
May 65

280,768

(NY-3000)

Drilling Rigs for Open-Cut Mining Operations,
by T. F. Kharlamov, M. A. Abramson, 8 pp.

RUSSIAN, per, Gornyy Zhur, No 1, 1962,
pp 58-62.

SEE JPRS 13697

USSR

Econ

Sci - Engr

May 62

196, 997

The Plutonium Workshop and Fuel for Rhapsodie,
by R. Abramson.
FRENCH, per, Energie Nucleaire (Paris), Vol III,
No 1, Jan/Feb 1961, pp 47-62.

AEC-Risley Tr-278

Sci
Mar 64

Selection of Waveguide Filters for Shielded Compartment
(Author's Abstract); by Yu. M. Abramson, 1 p

RUSSIAN; per, Radiotekhnika, Vol XVI, No 7, 1961.

ALEE

191, 8.28

Sci

Mar 62

E. Abramson

Initial Cracking and Other Flat Explosions,
by E. Abramson, 11 pp.

SWEDISH, per. Fortifikation, No 3, 1964,
pp 45-59.

ACSI-K-1690

FSTC-HT-23-1156-72

Mar 72

C0304 As a Combustion Catalyst in the Determination
of Carbon and Hydrogen in Organic Compounds, by
A. A. Abramyan and M. A. Balyan, 5 p.
RUSSIAN, per, Izvestiya Khimicheskoi Nauki, Akademiya
Nauk Armyanskoi SSR, Erevan, Vol XVII, No 5, 1964,
pp 591-593.
SLA TT 65-13956

A. A. Abramyan

Sci-Chem
Jun 66

303,704

Oxidation of Organic Compounds with Potas-42
sium Permanganate and Volumetric Deter-
mination of Sulfur, by A. A. Abramyan,
R. S. Sarkisyan.

RUSSIAN, per, Izv Ak Nauk Arm SSR, Khim
Nauki, Vol 16, No 2, 1963, pp 131-135.

NTC 69-11319-07C

A.A. Abramyan

Sci-Chem
July 69

387,024

Abramyan, B. L. and Babloyan, A. A.
ON THE PROBLEM OF AXISYMMETRIC DEFORMA-
TION OF A HOLLOW CYLINDER OF FINITE
LENGTH, tr. by George N. Kasachoff. 7 Nov 62,
17p. 12 refs. [AMC(Redstone) Trans-mr-39-62.
Order from OTS or SLA \$1.60 63-13055

Trans. of Akademiya Nauk Armynskoi SSSR [Brevan].
Izvestiya. [Seriya Fiziko-Matematicheskikh Nauk]
1962, v. 15, no. 2, p. 87-99.

DESCRIPTORS: *Cylindrical bodies, *Deformation,
Elasticity, Load distribution, Stresses, Numerical
analysis, Fourier analysis, Series.

The article gives an accurate solution to the axisym-
metric problem of the theory of elasticity for a hollow
cylinder of finite length, when an arbitrary load is
applied to its lateral surface, and normal displacements
and tangential stresses are assigned to the ends.

(Author)
(Mechanics, TT, v. 10, no. 4)

63-13055

- I. Title: Fourier-Dini series
- I. Abramyan, B. L.
- II. Babloyan, A. A.
- III. AMC(Redstone) Trans-39-62
- IV. Army Missile Command,
Redstone Arsenal, Ala.

Office of Technical Services

Torsion and Bending of Prismatic Rods of Hollow
Rectangular Section, by B. L. Abramyan, 24 pp.

RUSSIAN, bino per, Prikl Matemat i Mekh, Vol XIV,
No 3, 1950, pp 265-276.

NACA TM 1319

Scientific - Engineering Dec 1951 CTS

12,880

Torsion of a Circular Cylindrical Shaft With a
Conical Part, by B. L. Abramyan, 7 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXII, No 5,
1958, pp ~~678~~ 679-682.

PP

Sci - Math
Oct 59

99,153

Torsion of Prismatic Rods With a Cross-
Shaped Cross Section, by B. L. Abramyan.

RUSSIAN paper, Triz Matemat i Mekh,
Vol XIII, No 5, 1949, pp 551-556.

OSIRI

Doc. 1000
May 64

198, 488

On the Torsion of a Solid of Revolution Under Axisymmetrical Loading, by B. L. Abramyan, 14 pp.

RUSSIAN, per Prik Matemat i Mekh, Vol XXIV, No 6, 1960
pp 1047-1056.

pp

169, 737

Sci

Aug 61

(NY-6502)

PRINCIPLE OF SYMMETRY AND DIALECTRICS, BY
L. A. ABRAMIAN, 25 PP.

RUSSIAN, PER, IZ AK NAUK ARMYANSKOY SSR, OSHCH
NAUKI, NO 11, 1961, PP 35-46.

JPRS 13860

SCI - MATH
KEMMAY 68

197,321

Continuous Accelerator for Charged Particles, by
Ye. A. Abramyan, et al.
USSR, Patent 168,808, 8 Apr 1963.
*FT-AT-66-603

AEC AD-646930

Abramyan, Ye. A.

Sci/Physics
Oct 66

R
The Absence of Additivity of the Resistances to
Mass Transfer in Heterogeneous Processes
Under Turbulent Mixing Conditions, by
A.A. Abramzon and M. V. Ostrovskii, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXCI, No 4,
1963, pp 793-799.

CB

Sci
Jul 64

262,299

An Investigation of the Rate of Mass-Transfer Complicated by A chemical Reaction in Liquid-Liquid Heterogeneous Systems, by A.A. Abramzon and M.V. Ostrovskiy, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 3, 1963, pp 608-612.

CB

Sci

May 64

258, \$400

Kinetics of Nucleophilic Reactions Between Aromatic
Compounds in Heterogeneous Liquid-Liquid Conditions,
by A. A. Abrazon, M. V. Ostrovskiy, 6 pp.

RUSSIAN, Vest. Zhur Prikl Khim, Vol XXXIV, No 10,
1961, pp. 2226-2232.

03

Sci
Eng 62

206,744

Reaction Kinetics in Heterogeneous Liquid-Liquid Systems with High Concentrations of the Reacting Substances and Variable Phase Volumes by A. A. Abramzon and M. V. Ostrovskii, 5pp.

Russian, per, Zhur Prikl Khim, Vol XXV, no 12, 1962, pp 2688-2692.

CB

Sci
Nov 63

243, 298

An Automatic Electronic Coordinate Measuring Equip-
ment for a Heavy Boring Machine, by E. L. Abramzon.
G. L. Abramzon, G. L. Grin, A. Ya. Peliks, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 7, 1960, pp 20-23.

ISA

Sci -
Apr 61

146,449

An Automatic Electronic Coordinate Measuring Equipment for a Heavy Boring Machine, by E. L. Abramson, G. L. Abramson, G. L. Grin, A. Ya. Peliks, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 7, 1960, pp 20-23.

ISA

Sci -
Apr 61

146,449

43
The Circulation of a Turbulent Wall Jet Along
a Solid Wall, by L. S. Abramson and Yu. A. Skov-
rodnikov.

RUSSIAN, per. Izv. Akad. Nauk SSSR Otd. Tekh.
Mekh. i Mash., No 3, 1968, pp 176-177.
NII, RDS 3723

Sci-Physics
Nov 67

L. S. ABRAMSON

345,340

23

Investigation of the Flight
 Patterns of the Unknown Black Bombers
 of the Chinese People's Republic, by
 E. M. Johnson, 14 pp.
 Summary, etc. Family Information Archives
 Department of Defense, Vol. 1, Number,
 1969, pp. 259-261.
 3798 2472

FE-China
 Main
 May 64

207, 183

(NY-3000)

The Upsurge of Soviet Metallurgy,
by Ye. Abranchenko, 7 pp.

RUSSIAN, par, Agitator, No 12, Jun 1961, pp 25-27.

JPRS 10035

USSR

168, 110

Econ

Sep 61

43
The Peroxide Resistance of Erythrocytes, by A.
A. Pokrovskii and A. A. Abramov.
RUSSIAN, per, VOYENNAIA MEDITSINA, Vol 23, No 6,
1964, pp 64-69.
ALL RIG 3220

A. A. ABRAMOV

Sci-5 and 6
Nov 67

345,213

On Schemes of the Method of Lines of Elevated Accuracy, by V.N. Abrashin, 14 pp.
RUSSIAN, per, Izv. AN BSSR, Ser. Fiz.-
matem. Nauk, no 6, 1969, pp. 39-51.
CIA X-7209

V. N. Abrashin

Apr 70

404,952

57
A Production Method for ¹³³I From Irradiated
Uranium Oxides, by S. Chrasnik, R. Radicella.
SPANISH, per. Comision Nacional de Energia
Atomica, No 101, 1968 9227947
AEC ORNL-Ts-557

S. Chrasnik
Sci-Chem
Oct 65

290,584

Adenosine Triphosphatase and Some Other Enzymes of
Phosphorus Metabolism in Homogenates and Extracts
of Fish Eggs, by N. M. Abrasimova, R.I. Tatarskaya,
7 pp.

RUSSIAN, per, Biokhimiya, Vol XXXVIII, No 1, 1963,
pp 128-136.

CB

Sci
Jun 64

261,351

A Study of Nitronic by Methods of Inner Friction,
Electric Resistance and Dilatometric Analysis, by Yu. S.
Abreyanov, B. G. Livabits, 17 pp.

RUSSIAN, per, Issledovaniya po Zharoprochnym Splavam,
Vol II, 1957, pp 198-210.

SLA 60-14507

Sci

190, 276

Apr 62

Vol IV, No 6

attice parameters, crystal symmetries and
structural traits of some refluoroberyllates,
M. Mil'kova, L.A. Mpran-Koshits, 10pp.

ISSN, Ser, Iz Ak. nauk SSSR, Ser. Fiz., Vol. LXVI
3, 1962, pp. 365-377.

T

~~233,611~~

233,611

Amidation of Carboxylic Acids With Amides of
Phosphoric Acid, by A. V. Kirsanov, E. A.
Abrakhanova, 2 pp.

Full translation

RUSSIAN, per, Zhur Obshch Khim, Vol XXIV, No 1,
USSR, Jan 1954, pp 120, 121. CIA D 151105

Consultants Bureau

Scientific - Chemistry

CTS 66/Mar 55

21,908

N-*o*-Hydroxybenzylarylsulfonamides, by A. E. Kretov
E. A. Abrashanova, S. I. Zlotchenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4,
1960, pp 1180-1181.

CB

Sci
May 61

154,047

Preparation of Azomethine Derivatives of ~~ARYLISUFONAMIDES~~
Arylsulfonamides, by A. E. Kretov, E. A.
Abrashanova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,
1957, pp 1993-1996.

Consultants Bureau

Sci - Chem
Oct 58

74, 252

Apparatus for Determining the Carbon Content of Iron,
Steel and Ferroalloys by Baryta Method, by H. Kampf,
K. Abresch.

GERMAN, ^{per} Archiv Eisenhüttenwesen, Vol XIII, 1939.

Brutcher Tr No 790

~~41-22~~

Scientific - Minerals/Metals

12,389

Application of Perchloric Acid in the Determination
of Nitrogen in Iron and Steel, by H. Kempf, K. Abresch.

GERMAN, Archiv Eisenhüttenwesen, Vol XVII, No 5/6,
1943.

Brutscher Tr No 1716

\$5.90

Scientific - Minerals/Metals

12,347

Determination of Combined Nitrogen in Plain Carbon
and Alloy Steels, by H. Kempf, K. Abresch.

GERMAN, ³²⁷Archiv Eisenhüttenwesen, Vol XIV, 1940.

Brutcher Tr No 1221

also Brutcher No 1010
\$6.50

Determination of Hydrogen in Steel by the Carrier-Gas Method, by K. Abresch, W. Dobner, H. Lamm.

GERMAN, per, Archiv fuer das Eisenhuettenwesen, Vol XXXI, No 6, 1960, pp 351-354.

HB 4887

Sci - Chem

Mar 61

145,054

DETERMINATION OF THE OXYGEN CONTENT OF
ALUMINIUM KILLED STEELS, BY W. KOCH,
K. ABRESCH.

GERMAN, PER, STAHL UND EISEN, VOL LXXXI,
8 JUN 1961, PP 795-800.

BISI 2333

SCI - MIN/METALS

NOV 61

172,258

Dosage coulometrique de l'oxygene de l'acier par la
methode d'extraction par fusion en courant d'argon,
by K. Abresch, H. Lema, 25 pp.
GERMAN to FRENCH, per, Arch Eisenhüttenwes, Vol XXX,
No 1, 1959, pp 1-6.

Reverse Translation
CEA-A-1508

Sci
Aug 64

Operating Experience With Flame Spectrometers in
the Determination of Calcium and Magnesium in Steel
Works Laboratories, by K. Abresch, W. Dobner.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXIX, Jan 1958, pp 25-34.

BIBI 2271

Sci - Min/Metals

168,489

Sep 61

list 109

rapid analysis of oxygen by the carbon-
monoxide and liquid sampling of steel
under a protective atmosphere, by
R. A. Hirsch, A. 1944.
Chem. Ind., Arch. Dissem. vol 55, Nov.
1944, pp. 1040-1044.
A. I. 417.

R. A. Hirsch

Oct 1944
Oct 45

280,360

The Use of Polarization Potential Titration in
the Iron and Steelworks Laboratory, by K. Abrasch,
E. Buchel.

RUSSIAN

RUSSIAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXII, No 10, 1960, pp 595-601, 603-606.

BISI 2471

Sci - Min/Metals

204,862

34 62

list 130

The Coulometric Determination of Oxygen in Steel by
the Molten-Extraction Technique in a Stream of Argon,
by Karl Abresch, Helmut Lemm,

GERMAN, per, Arch Eisenhüttenw, Vol XXX, 1959,
pp 1-6.

AEC Tr-3962

Sci - Chem

Apr 60

115,073

Radio Telephone Communication with Vehicles, by

H. Abrecht.

GERMAN, per, Technische Mitteilungen PTT, by No 10,
1951, pp 8-392

PMG/ENG

H. ABRECHT

Sci -

Aug 67

336,601

The Testing of Some Developers Recommended for
Increasing the Speed of Light Sensitive Emulsions, by
V. L. Abrotalen, K. E. Mukhelevitch, 9 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kineematog,
Vol VI, No 4, 1961.

CIA/FDD XX-1103

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185, 962

USIR INTERNAL USE ONLY

Network of Geometric Leveling in State of Rio
Grande do Sul, by Maj Luis E. F. Almon, 13 pp.
UNCLASSIFIED

PORTUGUESE, Annals of the Army Geographic
Service, Brazil, 1949.

AMS GA101 3492 1949

LA - Geographic
Brazil

A-19

June 1951 OTS

The Fluorographic Register, Basis for Prophylaxis
Against Tuberculosis, by M. Abreu, 13 pp.

SPANISH, per, Rev Mexicana Tuberc, Vol VII, No 39,
Nov/Dec 1945, pp 377-389.

SLA Tr 2894

Sci - Medicine
Nov 57

54,800

Graphite in Brazil, by Sylvio Froese Abreu, 5 pp. UNCL

PORTUGUESE, bk, Recursos Minerais do Brasil, Vol I,
Encl 1 to Desp 65, AmEmbassy, Rio de Janeiro,
25 Jul 1961.

Dept of State

LA - Brazil

Econ

Sci - Min/Metals

Aug 61

165, 970

An Approximate Method for Nonlinear Programming,
by J. Abraham, 14 pp.

CZECH, per, Casopis pro Pestovani Matematiky,
Vol LXXXIII, 1958, pp 425-439

ATS-52M40C

Sci

30 Mar 62

188, 918

New Recording Microdensitometer without
Slit, by M. Abribat, 32 pp.

FRENCH, per, Science et Industries Photo-
graphiques, Ser 2, No 9, 1931, pp 321,-332.

SLA 57-3059

Sci

Aug 58

72,744

On the Artificial Radioactive Products Existent
in the Atmosphere of the Parisian Region, by
Marcel Abribat, Jacques Pouradier, Anne-Marie
Venet,

FRENCH

USDA per
NC State College

Jun 59

Packing and Conditioning, by Pinto, Abrico;
Conditioning Clothing and Its Consequences,
by Renard; New Developments in the Subsistence,
by Girard; Accelerated Artificial Ageing, by
Kiger, The Service in Action, The Trailer Bakery
Open Model 1953, by Raux; Stocking and Transport-
ing of Frozen Meat, by Texier; Distribution of
Wine in the Field, by Hays, 69 pp. (ID 975166),

FRENCH, per, Revue de l'Intendance Militaire,
Paris, No 32, 1954, pp 15-38; 41-67; 71-83;
110-112, 114-123, 126-147.

G-2, GSUSA G-4827 A-B

WEur - France

~~SECRET~~

Military

Jul 55 CTS

24872

Spin-Orbit Interaction and the Knight Shift in
Superconductors, by A.A. Abridosov, L.P. Gor'kov,
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII,
No 4, 1962, pp 1088-1096.

AIP
Sov Phys - JETP
Vol XV, No 4

Sci

214,937

Sep 62

SEITE

(NY-3156).

Manufacture of Petroleum Equipment, by T.
Abrikan, 6 pp.

RUMANIAN, per, Petrol si Gaze, Vol X, No 8,
Bucharest, 1959, pp 330-332.

JPRS-2091-N

EEur - Rumania
Econ - Fuel, power
Jan 60

105,196

SERIES

(NY-3752)

Ten Years of Development of "Radio Popular"
Plant, by Teodor Abrihan, 3 pp.

RUMANIAN, per, Telecomunicatii, Vol. III, No 6,
Nov/Dec 1959, Bucharest, p 241.

JPRS 5138

ESur - Rumania

Econ - Manufacturing

Aug 60

122,921

Metalurgy and Physics of Semiconductors,
by Shrikarov, (Editor).

RUSSIAN, 2d, Voprosy Metallurgii i Fiziki
Poluprovodnikov Processing of the 4th All-
Union Conference on Semiconductor Materials -
A. A. Baikov Institute of Metallurgy, 1961.

423

Sci - Phys

May 62

NSC 3rd Quarter 1962 per Memo Apr 62

Methods of Quantum Field Theory in Statistical
Physics, by Abrikosov, A. A., Gorkov, L. P.

Russian book, Metody Kvantovoi Teorii Polya v
Statisticheskoi Fizike, Moscow, 1962, 443p.

USSR

Sci - Phys

Feb 63

* Richard A. Liberman
Jamaica, N. Y.

6

Modern Theory of Superconductivity, by
A. Abrikosov, I. Khalatnikov, 38 pp.

RUSSIAN, per, Uspekhi Fizicheskikh Nauk,
Vol LXV, No 4, 1958, pp 551-591.

AEC-tr-5332
PL-480

Sci
Jun 64

261,446

Scattering of Light in a Fermi Liquid, by A.
Abrikosov and I. M. Khalatnikov, ~~3 pp.~~ 4 pp.

Question per, Zhur Masper i Teoret Fiz, Vol
XXIV, No 1, 1958, pp 198-204, 207.

~~XX~~
Amer Inst of Phys
Sov Phys - JETP
Vol VII(34), No 1

Sci - Phys

73, 252

Sep 58

31

The Physics of Superconducting Alloys, by A. A. Abrikosov,
18 pp.
RUSMAN, per, Priroda, No 5, 1964, pp 24-25.
JPRS 26863

Sci - M / M
Dec 64

200,042

Analysis of Experimental Data Relating to the Surface
Impedance of Superconductors, by A. A. Abrikosov,
L. P. Gor'kov, and I. M. Khalatnikov, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII(10),
No 1, 1960, pp 187-191.

NOV 1959

Amer Inst of Phys
Sov Phys - JETP

Sci

Feb 60

108,049

The Compton Effect at High Energies, by A. A.
Abrikosov, 10 pp.

RUSSIAN, no per, Zhur Ekspri i Teoret Fiz, Vol XXX,
No 2, 1956, pp 386-398.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 4

Sci - Physics
Apr 57 CTS

46,751

Concerning a Model for a Non-Ideal Fermi Gas, by A.
A. Abrikosov and I. M. Khalatnikov, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII, No
5 (11), 1957, pp 1154-1159.

Amer Inst of Phys
Sov Phys-JETP
Vol VI(33), No 5

Sci - Phys

Jul 58

67,081

The Conductivity of Strongly Compressed Matter,
by A. A. Abrikosov, 6 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLV,
No 6, 1963, pp 2038-2047.

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 5

Sci
Aug 64

2684,404

CONTRIBUTION TO THE THEORY OF SUPERCONDUCTING
Alloys With Paramagnetic Impurities, by A. A.
Abrikosov, L. P. Gor'kov, 11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX
No 6 (12), 1960, pp 1781-1796.

AIP
Soviet Phys - JETP
Vol XII, No 6

Sci

160, 218

Jul 61

Contribution to the Theory of Highly Compressed
Matter.II., by A. A. Abrikosov, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 2, 1961, pp ~~59~~ 569-582.

AIP
Sov Phys-JETP
Vol XIV, No 2

Sci
12 Jun 62

198,932

Dispersion of Sound in a Fermi Liquid, by I. M.
Khalatnikov, A. A. Abrikosov, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII,
No 1, 1957, pp 110-115.

Amer Inst of Phys
Sov Phys-JETP
Vol VI, No 1

Sci - Physics
May 58

62,779

Distribution of Particles in a Non-Uniformly Heated
Fully Ionized Gas, by A. A. Abrikosov,

Full translation.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXII, No 3,
1952, pp 310-320. CIA 9033964

AEC Tr 1584

Scientific - Physics

Jun 53 CTS/DEX

3079

The Equation of State of Hydrogen at High Pressures,
by A. A. Abrikosov, 26 pp.

RUSSIAN, per; Atron Zhur, Vol XXXI, 1954, pp 112.

Rand Corp T-81

Sci - Phys

Jun 58

65, 563

65, 563

The Influence of Dimensions on the Critical Field
of Super Conductors of the Second Group, by
A. A. Abrikosov.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXXV, 1,
No 3, 1952, pp 489-492. 909385-1

SLA A R-921

Co-op Tr Sch 29

15677

Scientific - Physics
Library

Price 100.00 (per vol)

5553

Influence of Thermal Ionization on the Distribution
of Particles in a Non-Uniformly Heated Gas, by
A. A. Abrikosov.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXII, No 3, 1952, pp 321-330. 9049945-C
Reel 953

AEC Tr 1613

USSR
Scientific - Physics

Jul 53 CTS

4018

The Infrared Catastrophe in Quantum Electrodynamics,
by A. A. Abrikosov, 10 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 1, Jan 1956, pp 96-108.

Amer Inst of Physics
Vol III, No 1
Soviet Physics, JETP

Sci - Physics
Apr 57 CTS

46, 576

Internal Structure of Hydrogen Planets, by
A. A. Abrikosov, 10 pp.

RUSSIAN, per, Voprosy Kosmogonii, Vol III,
1954.

JPRS 265359

Sci
Jul 64

264,313

RT-3105
Multiphoton Annihilation of Large Energy
Positrons With Electrons, by A. A. Abrikosov,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CII, 1955, pp 915-917. CIA C 415 46

UCRL Tr 237 (L)

Scientific - Physics
GTS 73/Oct 1955

Sci Tr Center RT
27, 170 3105

On the Application of Quantum-Field-Theory Methods
to Problems of Quantum Statistics at Finite
Temperatures, by A. A. Abrikosov, L. P. Gor'kov,
I. E. Dzyaloshinskiy, 6 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Ak Nauk
SSSR, Vol XXXVI (9), No 3, 1959, pp 900-908.

AIP
Sov Phys - JETP

Sci - Phys
Oct 59

100,031

1
On the K₁ Knight Shift in Superconductors, by A. A.
Abrikosov, L. P. Gri'kov.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 2, Aug 1960, pp 480-483.

Internatl Phys Index
Physics Express
Vol III, No 5

Sci

Mar 61

A¹P
Sov Phys JETP
143, 825
Vol XII no 2

On the Number of "Free Carriers" in Bismuth-type
Metals at High Temperatures
By A. A. Abrikosov, pp. 5

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLIV,
No 5, 1963, pp. 1632 - 1639

Amer Inst of Phys
Sov Phys JETP
Vol XVII, No 5

240-825

Sci

Oct. 63

On the Magnetic Properties of Superconductors of the
Second Group, by A. A. Abrikosov, 9 pp.

RUSSIAN, bimo per, Zhur Esiper i. Teoret Fiz, Vol XXXII,
No 6, 1957, pp 1442-1452.

Amer Inst of Physics
Sov Physics - JETP
Vol V, No 6

Sci - Physics
Apr 58

60,386

On the Theory of Superconducting Alloys; I. The
Electrodynamics of Alloys at A. A. Abrikosov and
L. P. Gor'kov, 9pp. *Absolute Zero, by*

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXV,
No 6(12), 1959, pp 1558

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 6

Sci - Phys

Jun 59

89,090

Methods of Quantum Field Theory in
Statistical Physics, by A. A. Abrikosov.
RUSSIAN, bk, same title as above, 1963.
NLL (On Loan)

AA. Abrikosov

Aug 65

286,436

Problems in Superconductivity, by A. A. Abrikosov,
17 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXVIII, No 4,
1958, pp 30-36.

SLA 59-10519

Sci - Electronics

Sep 59

Vol II, No 2

98,691

Raman Scattering of Light in Superconductors,
by A. A. Abrikosov, L. A. Fal'kovskiy, 6 pp.

o
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL,
No 1, 1961, pp 262-270.

AIP
Sov Phys - JETP
Vol XIII, No 1

Sci
Aug 61

167, 198

Scattering of Gamma Rays in Liquid He³, by
A. A. Abrikosov, I. M. Khalatnikov,
4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 2, 1961, pp 544-549.

AIP
Sov Phys-JETP
Vol XIV, No 2

Sci
12 Jun 62

198,929

Electrons
Scattering of High-Energy and Positrons by
Electrons, by A. A. Abrikosov, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 3, 1956, pp 544-550.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 3,

Sci - Physics
Apr 57 CTS

46,598

Some Properties of Strongly Compressed Matter. I.
by A. A. Abrikosov, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX
No 6 (12), 1960, pp 1797-1805.

AIP
Soviet Phys - JETP
Vol XII, No 6

Sci

160, 220

Jul 61

Spin waves in a ferromagnetic crystal, by
Abramov, I. B. Doklady, 3 pp.

RUSSIAN, per, Zhurn Khimicheskoy i Teoret. Fiz., Vol. XIV,
No. 5(8), 1958, pp. 771-772.

Amer Inst. of Phys
Sov Phys - JETP
Vol VIII(35), No. 5

Sov - Phys

Apr 59

83, 905

Theory of the Fermi Fluid (The Properties of
Liquid He² at Low Temperatures), by A. A.
Abrikosov, I. M. Khalatnikov, 23 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXVI, No 2,
1958, pp 177-212.

AIP
Sov Phys-Uspekhi
Vol 1(66), No 1

Sci

132,075

Nov 60

Theory of Kinetic Phenomena in Liquid He^3 , by A. A. Abrikosov, ~~I~~ M. Khalatnikov, 7 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII, No 5, 1957, pp 1083-1091.

Amer Inst of Phys
Sov Phys-JETP
Vol V, No 5

Sci - Phys

Mar 58

59,472